

DATE: August 22, 2017

TO: David Hrdy, Senior Scientist  
CEB/HED/OPP/OCSPP

Chris Sack, Residue Expert  
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FROM: Diana Haynes, Director  
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**DIANA HAYNES**

Digitally signed by DIANA HAYNES  
DN: c=US, o=U.S. Government, ou=Department  
of Agriculture, cn=DIANA HAYNES,  
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Date: 2017.08.22 14:05:58 -0400

This memo is to inform you that the compounds listed below were not able to be validated by USDA's Pesticide Data Program (PDP) and were not analyzed in spinach during the timeframe of January 2015 through December 2016. These compounds have established U.S. tolerances for spinach but did not recover through the QuEChERS Multiresidue Method (MRM) employed by the New York Department of Agriculture and Markets laboratory, which was one of two PDP laboratories assigned to test spinach for PDP during this time period.

1-naphthol (parent carbaryl was validated)	Fluquinconazole
2,4-D	Fluridone
Avermectin B <sub>1</sub>	Flusilazole
Azinphos methyl oxygen analog (OA)	Fluvalinate
Bensulide	Fosetyl aluminum (Alette)
Bensulide OA	Glyphosate
Biphenyl	Imiprothrin
Captan (metabolite THPI was validated)	Indoxacarb
Chlordimeform	Magnesium phosphide
Chlorothalonil	Metaflumizone
Clopyralid	Oxamyl oxime
Cycloate	Oxychlordan
Cyphenothrin	Paclobutrazol
Cyprodinil	Phenmedipham
Cyromazine	Phosmet
Desmedipham	Phosmet OA
Diethiofencarb	Phosphine
Diquat/diquat dibromide	Prallethrin
Endothall	Procymidone
EPN	Propamocarb hydrochloride
Ethoxyquin	Propoxur
Fenazaquin	Pyrethrins
Fenuron	Pyridalyl
Flubendiamide	Sethoxydim
Flufenoxuron	Tebufenpyrad

Tetramethrin  
Thiodicarb

Tolfenpyrad  
Triticonazole

Data for the other laboratory assigned to test spinach, the Michigan Department of Agriculture and Rural Development, has been communicated in a separate memo. Please contact the Monitoring Programs Division at (202) 572-8167 with any questions or comments.

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